



**Ecolab (Schweiz) GmbH
Kägenstrasse 10
CH-4153 Reinach**

certifies that for

**Baumer Electric AG
Hummelstrasse 17
CH-8500 Frauenfeld**

a
material resistance test

was performed with cleaning/disinfecting substances **Topaz AC3, P3-topax 66, P3-topax 990, P3-topactive DES** and deionized water as a zero reference factor.


The material resistance of the tested ultrasonic sensors of the type

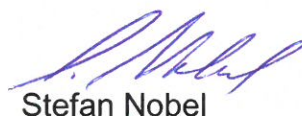
UxAR 12 and UxAR 18

to the Ecolab products used in the test can be considered to be positive according to the cleaning procedure mentioned overleaf.

Reinach, 6th July 2018

Ecolab (Schweiz) GmbH


André Brugger


Stefan Nobel



This certificate is based on:

- documented test procedures (test no.: PM 40-1 Rev 5) according to material resistance
- defined product descriptions
- test report TB_ECOLAB_UNAR12/18 20180523_maeh, Baumer Electric AG

Test procedure*
Ecolab-test PM 40-1

Dipping test:

- Complete immersion in solutions/liquid

Test period:

- 28 days

Temperature:

- constant room temperature

Analysis:

- Visual judgement like swelling, brittleness, discoloring
- compared to zero-reference factor (demineralized water)
- Photo documentation see test report

Product specifications:

Topaz AC3:

Acid foam cleaner for the food and beverage industry

P3-topax 66:

Alkaline cleaning and disinfecting agent with available chlorine for the food and beverage industry

P3-topax 990:

Neutral disinfecting agent for foam application based on alkylaminacetate for the food and beverage industry

P3-topactive DES:

Acid disinfectant with foaming abilities based on hydrogen peroxide / peracetic acid for the food and beverage industry

Cleaning recommendation for food and beverage industry



Rinsing with water 40 – 50°C

Rinsing with low pressure. Rinsing from top to bottom in the direction of the drains. Cleaning of the drains.



Foaming from bottom to top

alkaline: P3-topax 66 2 - 5 % daily
acid: Topaz AC3 2 - 5 % on demand
temperature: cold up to 50°C
contact time: 15 min. recommended



Rinsing with water 40 – 50°C

Rinsing from top to bottom with low pressure



Foam disinfection P3-topactive DES 1-3 %, 10-15 min
P3-topax 990 3%, 10-15 min

Rinse after disinfection!